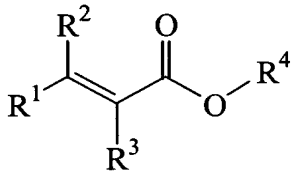
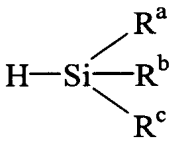
LISTING OF CLAIMS

1. (original) A process for preparing a silyl ketene acetal of the general formula (3), comprising the step of reacting an α,β-unsaturated carboxylic ester of the general formula (1) with a hydrosilane or hydrosiloxane of the general formula (2) in the presence of a catalytic amount of tris(pentafluorophenyl)borane,



(1)

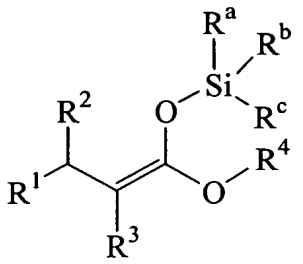
wherein R^1, R^2 and R^3 are each independently hydrogen or a substituted or unsubstituted monovalent hydrocarbon group of 1 to 60 carbon atoms, or a pair of R^1 and R^2 or R^1 and R^3 may bond together to form a ring of 3 to 20 carbon atoms with the carbon atom(s) to which they are attached, and R^4 is a substituted or unsubstituted monovalent hydrocarbon group of 1 to 40 carbon atoms or a substituted or unsubstituted silyl group of up to 60 carbon atoms and free of a SiH bond,



(2)

wherein R^a, R^b and R^c are independently selected from a substituted or unsubstituted monovalent hydrocarbon group of 1 to 20 carbon atoms, an organoxy group of 1 to 20 carbon atoms, an organo(poly)siloxy group of 1 to 1,000 silicon atoms, and a halogen atom, or a pair of R^a and R^b, R^a and R^c, or R^b and R^c may bond together to form a siloxane ring of 3 to 50 silicon atoms or a silicon-containing ring of 1 to 20 carbon atoms with the

silicon atom to which they are attached, or R^a, R^b and R^c may bond together to form a cage siloxane of 6 to 50 silicon atoms



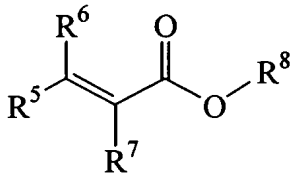
(3)

with the silicon atom to which they are attached,
wherein R^1, R^2, R^3, R^4, R^a, R^b and R^c are as defined in formulae (1) and (2).

2. (original) The process of claim 1, wherein the α,β-unsaturated carboxylic ester of formula (1) is added to a reactor charged with a mixture of the hydrosilane or hydrosiloxane of formula (2) and a catalytic amount of tris(pentafluorophenyl)borane.

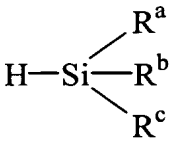
3. (original) The process of claim 1, wherein to a reactor charged with a catalytic amount of tris(pentafluorophenyl)borane, the α,β-unsaturated carboxylic ester of formula (1) and the hydrosilane or hydrosiloxane of formula (2) are added in controlled amounts so as to provide 0.9 to 1.1 moles of Si-H bonds on the compound of formula (2) per mole of the compound of formula (1).

4. (original) A process for preparing a disilyl ketene acetal of the general formula (5), comprising the step of reacting an α,β-unsaturated carboxylic ester of the general formula (4) with a hydrosilane or hydrosiloxane of the general formula (2) in the presence of a catalytic amount of tris(pentafluorophenyl)borane,



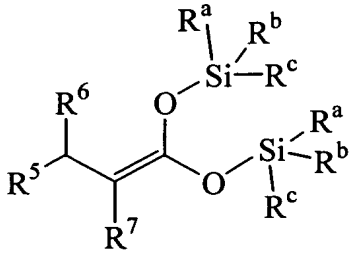
(4)

wherein R^5, R^6 and R^7 are each independently hydrogen or a substituted or unsubstituted monovalent hydrocarbon group of 1 to 60 carbon atoms, or a pair of R^5 and R^6 or R^5 and R^7 may bond together to form a ring of 3 to 20 carbon atoms with the carbon atom(s) to which they are attached, and R^8 is a substituted or unsubstituted monovalent hydrocarbon group of 1 to 40 carbon atoms,



(2)

wherein R^a, R^b and R^c are independently selected from a substituted or unsubstituted monovalent hydrocarbon group of 1 to 20 carbon atoms, an organoxy group of 1 to 20 carbon atoms, an organo(poly)siloxy group of 1 to 1,000 silicon atoms, and a halogen atom, or a pair of R^a and R^b, R^a and R^c, or R^b and R^c may bond together to form a siloxane ring of 3 to 50 silicon atoms or a silicon-containing ring of 1 to 20 carbon atoms with the silicon atom to which they are attached, or R^a, R^b and R^c may bond together to form a cage siloxane of 6 to 50 silicon atoms with the silicon atom to which they are attached,

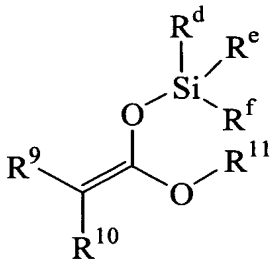


(5)

wherein R^5, R^6, R^7, R^a, R^b and R^c are as defined in formulae (4) and (2).

5. (original) The process of claim 4, wherein to a reactor charged with a mixture of the hydrosilane or hydrosiloxane of formula (2) and a catalytic amount of tris(pentafluorophenyl)borane, the α,β-unsaturated carboxylic ester of formula (4) is added in an amount of up to 0.5 mole per mole of Si-H bonds on the compound of formula (2).

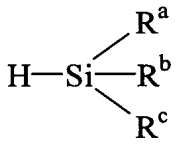
6. (withdrawn) A process for preparing a disilyl ketene acetal of the general formula (7), comprising the step of reacting a silyl ketene acetal of the general formula (6) with a hydrosilane or hydrosiloxane of the general formula (2) in the presence of a catalytic amount of tris(pentafluorophenyl)borane,



(6)

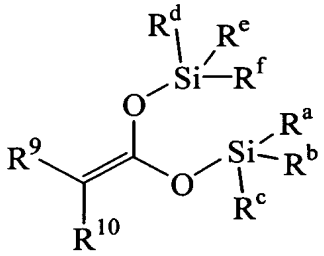
wherein R^9 and R^{10} are each independently hydrogen or a substituted or unsubstituted monovalent hydrocarbon group of 1 to 60 carbon atoms, or a pair of R^9 and R^{10} may bond together to form a ring of 3 to 20 carbon atoms with the carbon atom to which they are attached, R^{11} is a substituted or unsubstituted monovalent hydrocarbon group of 1 to 40 carbon atoms, R^d, R^e and R^f are independently selected from a substituted or unsubstituted monovalent hydrocarbon group of 1 to 20 carbon atoms, an organoxy group of 1 to 20 carbon atoms, an organo(poly)siloxy group of 1 to 1,000 silicon atoms, and a halogen atom, or a pair of R^d and R^e, R^d and R^f, or R^e and R^f may bond

together to form a siloxane ring of 3 to 50 silicon atoms or a silicon-containing ring of 1 to 20 carbon atoms with the silicon atom to which they are attached, or R^d, R^e and R^f may bond together to form a cage siloxane of 6 to 50 silicon atoms with the silicon atom to which they are attached,



(2)

wherein R^a, R^b and R^c are independently selected from a substituted or unsubstituted monovalent hydrocarbon group of 1 to 20 carbon atoms, an organoxy group of 1 to 20 carbon atoms, an organo(poly)siloxy group of 1 to 1,000 silicon atoms, and a halogen atom, or a pair of R^a and R^b, R^a and R^c, or R^b and R^c may bond together to form a siloxane ring of 3 to 50 silicon atoms or a silicon-containing ring of 1 to 20 carbon atoms with the silicon atom to which they are attached, or R^a, R^b and R^c may bond together to form a cage siloxane of 6 to 50 silicon atoms with the silicon atom to which they are attached,



(7)

wherein R^9, R^{10}, R^a, R^b, R^c, R^d, R^e and R^f are as defined in formulae (6) and (2).

7. (new) The process of claim 1 wherein the reacting takes place in a reaction zone which is first charged with a mixture of the hydrosilane or hydrosiloxane of formula (2) and a the catalytic

amount of the tris(pentafluorophenyl) borane, and then the α,β-unsaturated carboxylic ester of formula (1) is then added to the reaction zone.

8. (new) The process of claim 1 wherein R^a has 1 to 10 carbon atoms.

9. (new) The process of claim 1 wherein R^b has 1 to 10 carbon atoms.

10. (new) The process of claim 1 wherein R^c has 1 to 10 carbon atoms.

11. (new) The process of claim 1 wherein the tris (pentafluorophenyl) borane is present in an amount equal to 0.00001 to 10 mol%, based on the amount of the compound of formula (1).

12. (new) The process of claim 1 wherein the tris (pentafluorophenyl) borane is present in an amount equal to 0.0001 to 1 mol% based on the amount of the compound of formula (1).

13. (new) The process of claim 1 wherein the reaction is conducted under atmospheric pressure.

14. (new) The process of claim 1 wherein the reaction is conducted in an inert gas atmosphere.

15. (new) The process of claim 1 wherein the reaction is conducted at a temperature of -100°C to 100°C.